

Rock Number 4-10

Rock Type Gump Lake

Mineral	No. of Pts/ Total Grid	Percent of Total Grid
Quartz	121	24.2
K-feldspar	55	11.0
Plagioclase	274	54.9
Mafics	45	9.0
Others	2	.4
Total Grid Pts	500	99.5

Mesh Size ~15

Quality of Stain good.

Comments :

Rock Number 4-13

Rock Type perov?

(note - there are
two 4-12
- possibly (is 4-13))

Mineral	No. of Pts/Total Grid	Percent of Total Grid
Quartz	67	13.4
K-feldspar	65	13.0
Plagioclase	281.5	56.3
Mafics	82	16.4
Others	2	.4
Total Grid Pts	500	99.5

Mesh Size ~ 15

Quality of Stain fair to good

Comments :

Rock Number A-19

Rock Type Contact Phase Bethlehem

Mineral	No. of Pts/ Total Grid	Percent of Total Grid
Quartz	125	25.0
K-feldspar	80	16.0
Plagioclase	271	54.3
Mafics	20	4.0
Others	1	.2
Total Grid Pts	500	99.5

45.2

Mesh Size N15

Quality of Stain good

Comments :

Rock Number 4-20

Rock Type Dikes (D2)

Mineral	No. of Pts/ Total Grid	Percent of Total Grid
Quartz	118	23.6
K-Feldspar	154	30.8
Plagioclase	215	43.1
Mafics	10	2.0
Others	—	—
Total Grid Pts	500	99.5

Mesh Size N 15

Quality of Stain good+

Comments :

Rock Number 5-14

Rock Type Contact Phase Bethlehem.

Mineral	No. of Pts/ Total Grid	Percent of Total Grid
Quartz	109	21.8
K-feldspar	66	13.2
Plagioclase	272	54.5
Mafics	49	9.8
Others	1	.2
Total Grid Pts	500	99.5

Mesh Size ~15

Quality of Stain good.

Comments :

Rock Number 5-22

Rock Type Contact Phase Bethlehem

Mineral	No. of Pts/ Total Grid	Percent of Total Grid
Quartz	120	24.0
K-feldspar	61	12.2
Plagioclase	267.5	53.5
Mafics	47	9.4
Others	2	.4
Total Grid Pts	500	99.5

Mesh Size N 15

Quality of Stain good

Comments :

Rock Number

5-24

Rock Type

Contact Phase Bethlehem

Mineral	No. of Pts/ Total Grid	Percent of Total Grid
Quartz	132	26.4
K-feldspar	80	16.0
Plagioclase	244	48.9
Mafics	39	7.8
Others	2	.4
Total Grid Pts	500	99.5

Mesh Size

N15

Quality of Stain

good

Comments :

Rock Number 6-2

Rock Type Gump Lake

note: only the stained slab
was located

Mineral	No. of Pts/ Total Grid	Percent of Total Grid
Quartz	238	34.0
K-feldspar	117	16.7
Plagioclase	308	43.7
Mafics	34	4.9
Others	—	—
Total Grid Pts	700	99.3

Mesh Size ~15

Quality of Stain good

Comments : qtz strongly etched with HF

Rock Number 6-4

Rock Type Gump Lake

Mineral	No. of Pts/ Total Grid	Percent of Total Grid
Quartz	204	29.2
K-feldspar	191	27.3
Plagioclase	260	37.1
Mafics	38	5.4
Others	3	.4
Total Grid Pts	700	99.4

Mesh Size ~15

Quality of Stain good +

Comments :

Rock Number 6-12

Rock Type Bethsaida

Mineral	No. of Pts/ Total Grid	Percent of Total Grid
Quartz	176	25.2
K-feldspar	131	18.7
Plagioclase	338	48.3
Mafics	49	7.0
Others	2	.3
Total Grid Pts	700	99.5

Mesh Size -15

Quality of Stain good

Comments :